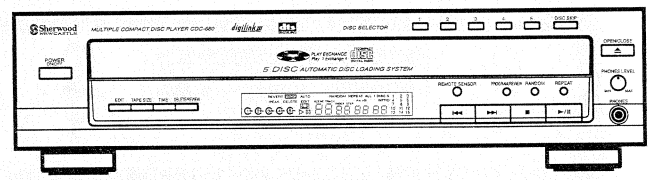
OPERATING INSTRUCTIONS
BEDIENUNGSANLEITUNG
ISTRUZIONI PER L'USO
INSTRUCCIONES DE MANEJO



CDC-680

Multi Compact Disc Player
5-fach CD-Wechsler
Lettore CD Multiplo
ReproductorMultiple de Discos
Compactos estereo

Sherwood
NEWCASTLE

ENGLISH

Unpacking and installation

Congratulations on Your Purchase!

Your new high fidelity Multi Compact Disc Player is designed to deliver maximum enjoyment and years of trouble free service.
Please take a few moments to read this manual thoroughly. It will explain the features and operation of your Multi Compact Disc Player and help a trouble free installation.
Please unpack your Multi Compact Disc Player carefully. We recommend that you save the carton and packing material. They will be helpful if you ever need to move your unit and may be required if you ever need to return it for service.
Your Multi Compact Disc Player is designed to be placed in horizontal position and it is important to allow at least two inches of space behind your unit for adequate ventilation and cabling convenience. To avoid early damage, never place the unit near radiators, in front of heating vents, in direct sunlight, or in excessively humid or dusty location.
Connect your complementary components as illustrated in the following section.

CLASS1
LASER PRODUCT

CAUTION
RISK OF ELECTRIC SHOCK.
DO NOT OPEN

CAUTION: TO REDUCE THE RISK
OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE
PERSONNEL.

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

CAUTION

Invisible laser radiation when open the unit. Do not stare into beam.

CAUTION : USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Caution : To prevent electric shock, do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

Read this Before Operating Your Unit

ENGLISH

FOR THE U.S.A. AND CANADA ..... 120 V

FOR YOUR SAFETY

Units shipped to the U.S.A and Canada are designed for operation on 120 V AC only.

Safety precaution for a polarized AC plug.
However, some products may be supplied with a non-polarized plug.

CAUTION : TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

FOR AUSTRALIA AND EUROPE ..... 230 V/240 V

FOR YOUR SAFETY

Units shipped to Australia are designed for operation 0n 240 V AC only.
To ensure safe operation the three-pin plug supplied must be inserted only into a standard three-pin power point which is effectively earthed through the normal household wiring. Extension cords used with the equipment must be three-core and be correctly wired to provide connection to earth. Wrongly wired extension cords are a major cause of fatalities. The fact that the equipment operates satisfactorily dose not imply that the power point is earthed and that the installation is completely safe. For your safety, if in any doubt about the effective earthing of the power point, consult a qualified electrician.
PAN-EUROPEAN UNIFIED VOLTAGE
All units are suitable for use on supplies 230-240 V AC.

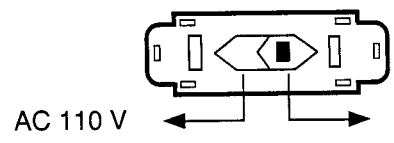
FOR OTHER COUNTRIES ..... 110 V/220 V

FOR YOUR SAFETY

Units shipped to countries other than the above countries are equipped with an AC voltage selector switch on the rear panel. Refer to the following paragraph for the proper setting of the switch.

AC VOLTAGE SELECTION
This unit operates on 110-120 V AC. The AC voltage selector switch Type A on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sue that the setting position of this switch matches your line voltage. If not, it must be set to your voltage in accordance with the following direction

AC voltage selector switch

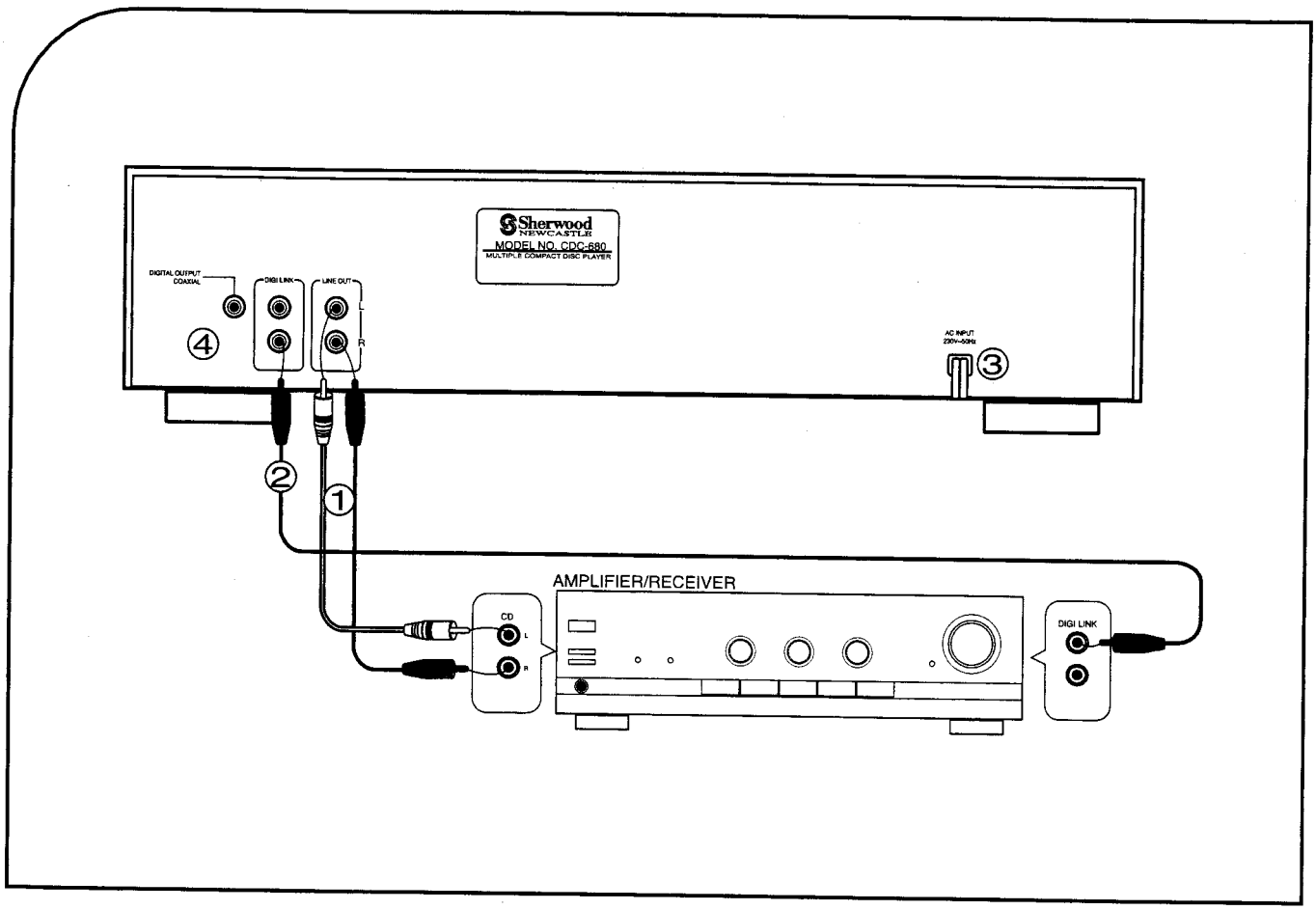


Move switch lever to match your line voltage with a small screwdriver or other pointed tool.

ENGLISH

Rear Panel Connections

※Do not plug the AC input cord into the AC outlet when plugging and unplugging connection cords.
※Be sure to connect the white plugs to the L (Left) jacks and the red plugs to the R (right) jacks when making connections with the supplied cords.
※Refer to the connecting diagram in the operating instructions of RECEIVER.



① OUTPUT JACKS
Connect these jacks to the CD (or AUX) input jacks of your amplifier.

② DIGI LINK III JACKS
Connect this jack to the DIGI LINK jack of Sherwood amplifier bearing the DIGI LINK III or II mark to control this unit remotely by DIGI LINK system.

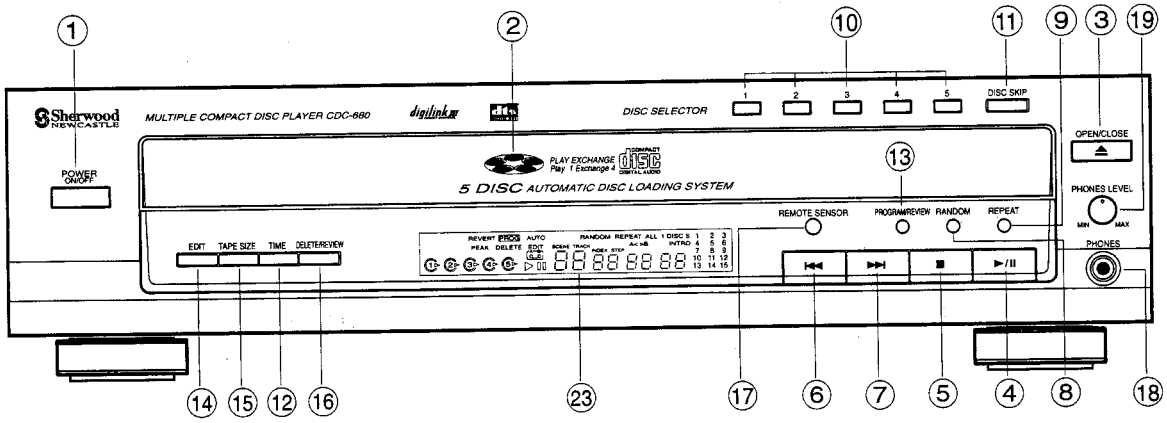
③ AC INPUT CORD
Plug this cord into a household AC outlet or the switched AC outlet of amplifier.

④ COAXIAL DIGITAL OUTPUT JACK
Connect this jack to the COAXIAL DIGITAL input jack of Mini Disk, Digital to Analog converter and preamplifier with Digital to Analog decoder. When making the COAXIAL DIGITAL connection, be sure to use a 75Ω COAXIAL cord, not a conventional AUDIO cord.

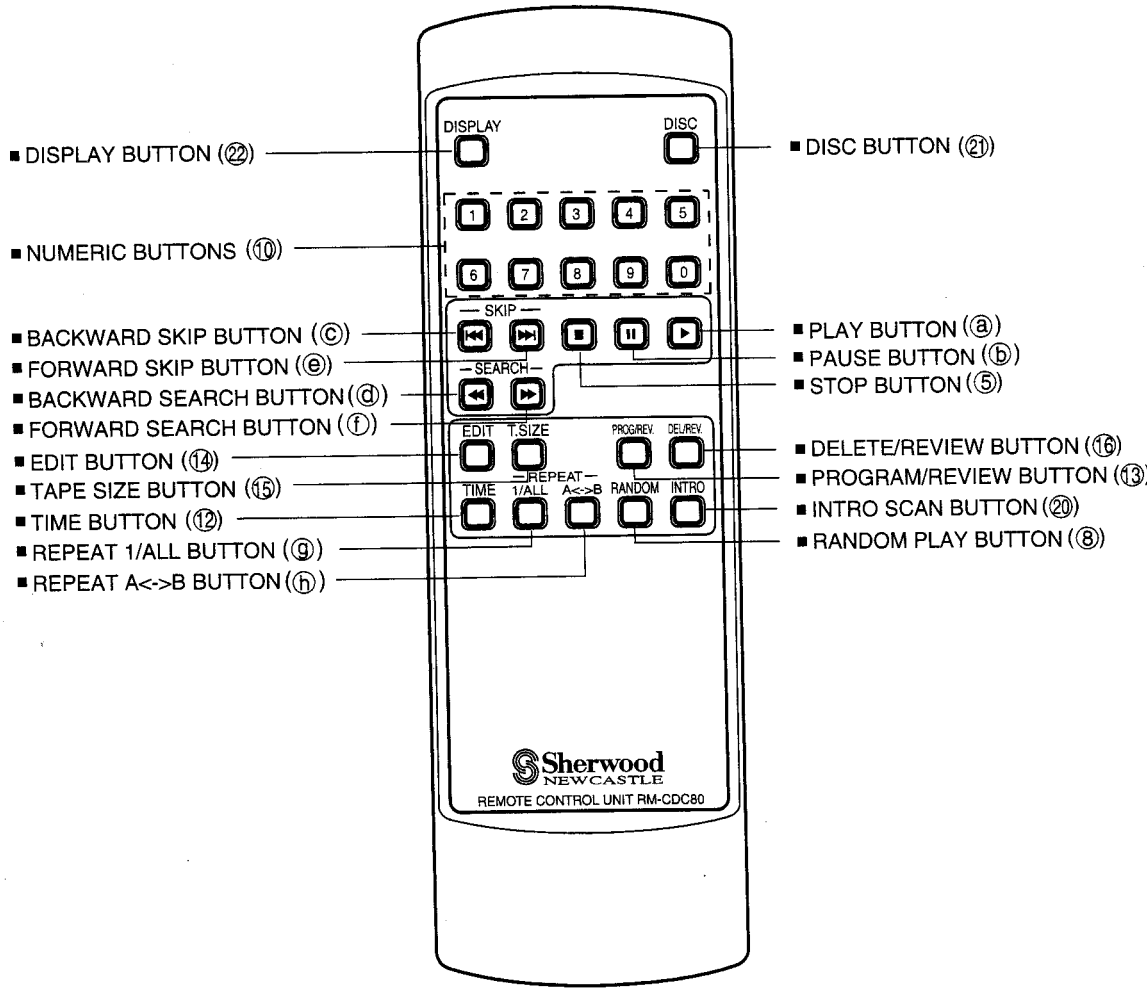
Front Panel & Remote Controls

ENGLISH

FRONT PANEL CONTROLS



REMOTE CONTROLS (ONLY FOR CDC-680)



①POWER BUTTON
Press this button to turn the power on and press again turn the power off.

②DISC TRAY
Load a compact disc on the disc tray.

③OPEN/CLOSE BUTTON(▲)
Press this button to open or close the disc tray.

④PLAY/PAUSE BUTTON (▶/II)
ⓐPress this button to start play in the stop or pause mode.
ⓑPress this button to interrupt play temporarily and press again to restart play.

⑤STOP/CLEAR BUTTON (■)
Press this button to stop play,clear the programmed selections or recover the deleted selections.

⑥BACKWARD SKIP/SEARCH BUTTON
ⓒPress this button to replay from the beginning of the current track or return to a previous track.
ⓓPress and hold down this button search for a specific passage in fast forward.

⑦FORWARD SKIP/SEARCH BUTTON
ⓔPress this button to move onto a next track.
ⓕPress and hold down this button to search for a specific passage in fast forward.

⑧RANDOM PLAY BUTTON
Press this button to play tracks on CDs in random sequence.

⑨REPEAT BUTTON
Press this button to play a track, a disc or all discs repeatedly.
ⓖPress this button to play a track, a disc or all discs repeatedly.
ⓗPress this button to play a specific passage repeatedly.

⑩NUMERIC BUTTONS
Press the corresponding button when selecting tracks or discs for play, programming or deleting, then the selected is played, programmed or deleted directly without the use of the PLAY, PROGRAM/REVIEW or DELETE/REVIEW button.

⑪DISC SKIP BUTTON
For loading or unloading discs, press this button to rotate clockwise to the next disc position.

⑫TIME BUTTON
Press this button to display the elapsed or remaining playing time of the current track or remaining playing time of the disc.

⑬PROGRAM/REVIEW BUTTON
Press this button to program your favorite tracks, disc or review the programmed selections.

⑭EDIT BUTTON
Press this button to edit the tracks to be recorded onto the tape.

⑮TAPE SIZE BUTTON
Use this button to select the tape length.

⑯DELETE/REVIEW BUTTON
Press this button to delete the undesired tracks, discs or review the deleted selections.

⑰REMOTE SENSOR (ONLY FOR CDC-680)
This receives the signals from the remote control

⑱HEADPHONE JACK
Stereo headphones with a 1/4 inch plug can be plug into this jack for private listening.

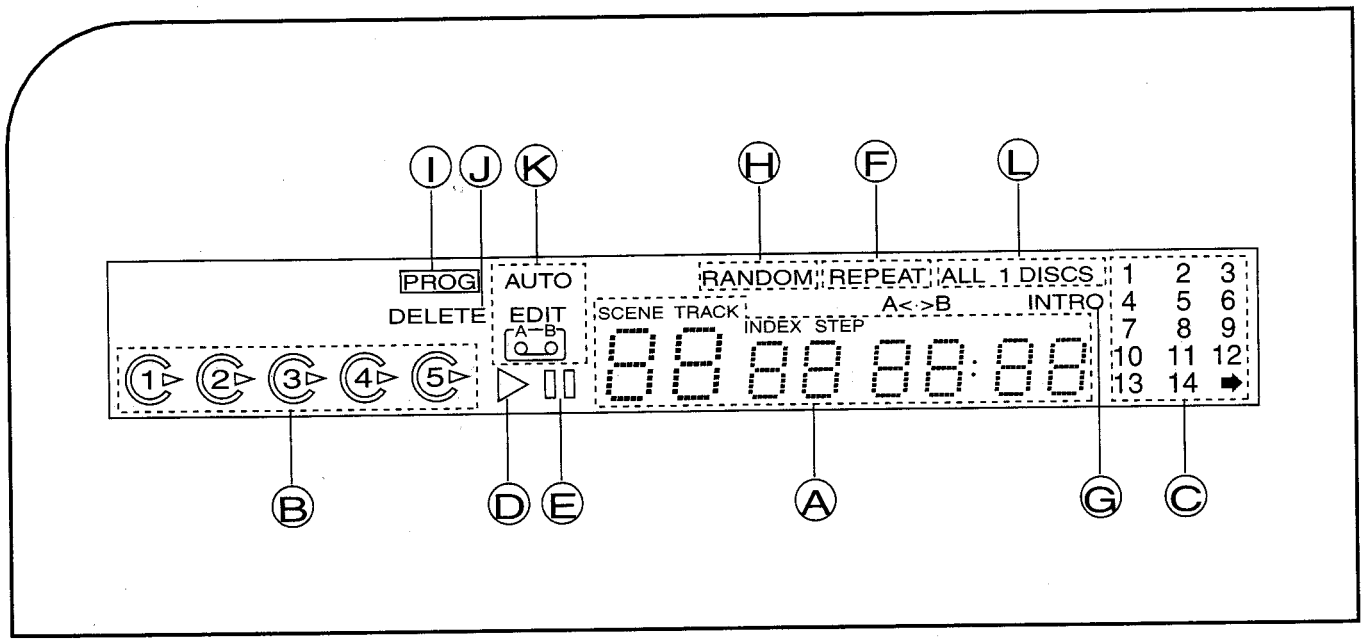
⑲HEADPHONE VOLUME CONTROL
Adjust the headphone volume to a comfortable listening level with this control.
unit.

⑳INTRO SCAN BUTTON
Press this button to play the first 10 seconds of each track on CDs.

㉑DISC BUTTON
When selecting a disc with this button, press this first and then the desired disc number(1~5) on the numeric buttons within 2 seconds.

㉒DISPLAY BUTTON
Press this button to change the brightness of the display.

㉓FLUORESCENT DISPLAY



ⒶTRACK No. and TIME DISPLAY
ⒷDISC No.DISPLAY
ⒸMUSIC CALENDAR DISPLAY
ⒹPLAY INDICATOR
ⒺPAUSE INDICATOR
ⒻREPEAT DISPLAY
ⒼINTROSCAN INDICATOR
ⒽRANDOM PLAY INDICATORS
ⒾPROGRAM INDICATOR
ⒿDELETE INDICATOR
ⓀEDIT DISPLAY
ⓁINDICATOR MODE FOR REPEAT, INTRO SCAN AND RANDOM PLAY

※ DIGI LINK SYSTEM REMOTE CONTROL

This unit can be remotely controlled with Sherwood DIGI LINK III amplifiers or receivers.

- For available control functions, refer to the compatible unit's operating instructions.
- To listen to CDs by DIGI LINK system, first make DIGI LINK connection between this unit and the Sherwood compatible amplifier.

- **INTRO SCAN BUTTON**
  Press this button to play the first 10 seconds of each track on CDs or the first track on each CD.
- **REPEAT 1/ALL BUTTON**
  Press this button to play a track, a disc or all discs repeatedly.
- **REPEAT A↔B BUTTON**
  Press this button to play a specific passage repeatedly.
- **DISPLAY BUTTON**
  Press this button to change the brightness of the display.
- **DISC BUTTON**
  When selecting a disc with this button, press this button first and then the desired disc number (1~5) on the numeric buttons within 2 seconds.

Operations

■ PLAYING CDs

- Only audio compact discs bearing this mark can be played. No other discs can be played.

COMPACT disc DIGITAL AUDIO

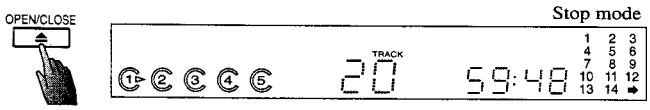
- The DTS logo on the front means that the CD encoded with the DTS signal can be heard in DTS mode when this digital out is connected to the digital input of the amplifier with the DTS decoder, etc.

dts DIGITAL OUT

- "DTS" and DTS Digital Surround are trademarks of Digital Theater Systems, Inc.

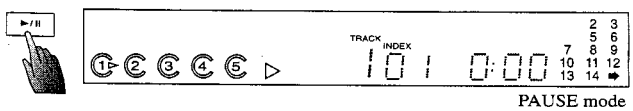
① Turn the power on

② Load the disc(s) on the tray(s) with the printed side up.



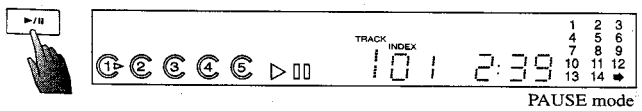
- For loading a disc in the 5th tray, press the DISC SKIP button.
- 8cm(3 inches) CDs can be also used on the inside circle of the tray.
- " ➡ " indicator appears when the number of tracks is more the 14.

③ Press the PLAY button to start play.



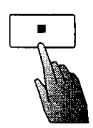
- The unit plays from the first track on the FIRST disc to the final track on the 5th disc

④ Press the PLAY/PAUSE button to interrupt play temporarily.



- Press the PLAY/PAUSE button to restart play.

⑤ to stop play.



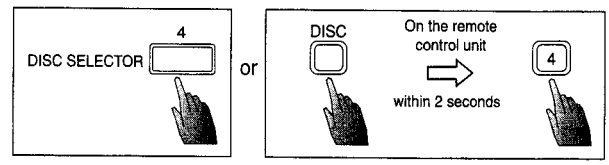
■ REPLACING CDs DURING PLAY (PLAY EXCHANGE)

- While one disc is playing, up to four discs may be exchanged.
- Open tray, exchange discs as desired.

■ SKIP and SEARCH PLAY

■ Selecting a disc

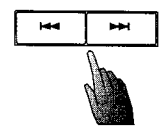
- Press the corresponding button to start play from the desired disc.
  Example : When selecting the disc 4.



- The first track of selected disc will begin playing.

■ Selecting a track

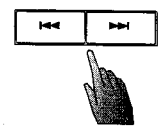
- Press these buttons momentarily and/or repeatedly until the desired track is selected.



- On the remote control unit, press "ⓒ" or "ⓔ" button momentarily and repeatedly (refer to page 6).
- In case of the BACKWARD SKIP button ("ⓒ" button on the remote control unit), with the first press, the beginning of the current track appears and with second press, the beginning of the previous track appears.
- You can select directly and play automatically the desired track using the NUMERIC buttons on the remote control unit.

■ Searching for a passage during play

- Press and hold down these buttons until the desired passage is reached.

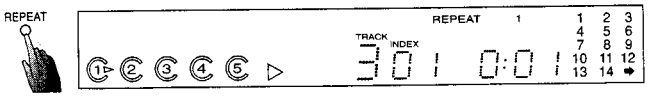


- On the remote control unit, press and hold down " ⓓ" or "ⓕ" button (refer to page 6).

■ REPEAT PLAY

■ Playing a track repeatedly

· Press the REPEAT 1/ALL button after selecting the desired track.
Example : When selecting the track 3 of the first disc.

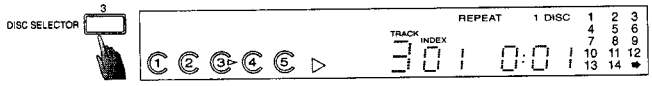


· Each time this button is pressed, the repeat mode changes as follows.

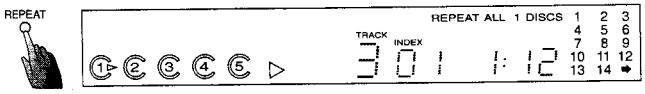
→REPEAT 1 →REPEAT 1DISC →REPEAT ALL DISCS → OFF →

■ Playing a disc repeatedly

· Press again after selecting the desired disc.
Example : When selecting the third disc.



■ Playing all discs repeatedly

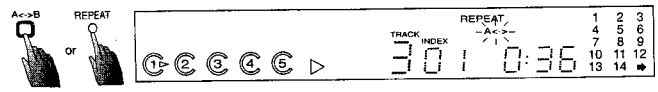


Press again to cancel the repeat play.

■ Playing a specific passage repeatedly (remote control only)

①At the beginning of the desired passage during play.

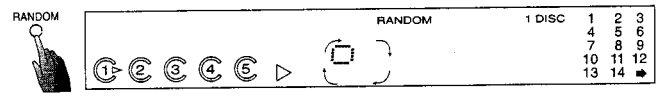
· Press the REPEAT A↔B button.



②At the end of the desired passage, press again, then the desired passage is played repeatedly.
Press again to cancel the repeat play.

■ RANDOM PLAY

■ 1 disc random play



The square turns clockwise until a track on the current disc is selected.

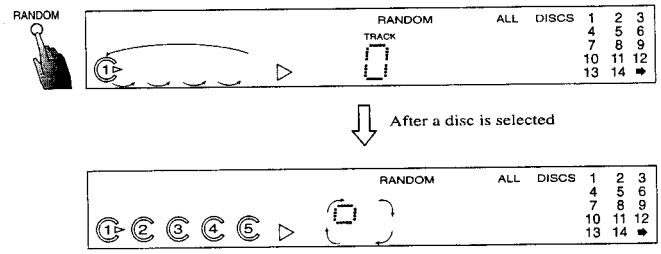
· The unit automatically selects and plays tracks on the current disc in random sequence.

· Each time this button is pressed, the random play mode changes as follows.

→ 1 DISC → ALL DISCS → OFF →

■ All discs random play

· Press again.



· The unit automatically selects a disc among five discs and a track on that disc in random sequence and plays it.

· After that track has been played, the unit continues to select another disc and a track on that disc in random sequence and plays it.

· Press again to cancel the random play.

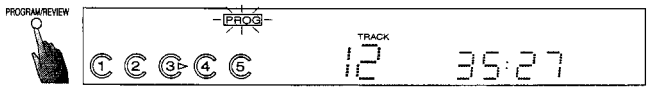
ENGLISH

■ PROGRAMMED PLAY

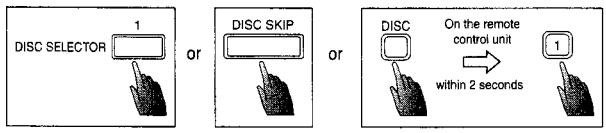
- Up to 32 selections can be programmed to play in any desired sequence.

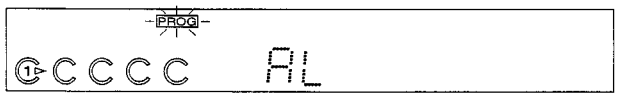
■ Programming

① In the stop mode.



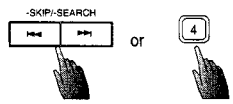
② Select the desired disc.
Example : When selecting the first disc.

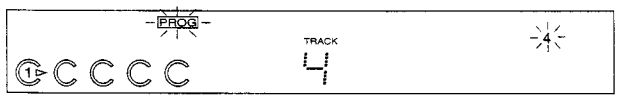




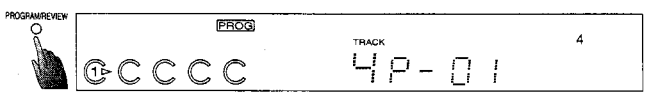
- If the PROGRAM/REVIEW button is pressed without selecting a track, the selected disc is programmed as a selection.

③Select the desired track.
Example : When selecting the 4th track.

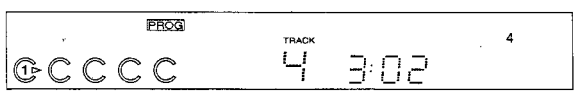




④Store the selected track in the memory.

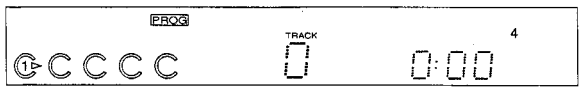


Programmed sequence



Playing time

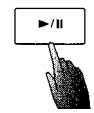
- Because it is impossible to know the playing time of each selection from five discs, "--:--" can appear on the time display



- When selecting a track with the NUMERIC buttons, the selected track is stored automatically without the PROGRAM/REVIEW button.

⑤Repeat the steps 2, 3 and 4 to complete the desired program.

⑥Start the programmed play.



- During the programmed play, when you want normal play without clearing your programmed selections, select the desired disc with the DISC SELECTOR or DISC SKIP button(s) or the desired track on the current disc with the NUMERIC buttons, then the normal play will start from that disc or that track.
- When you want to return to programmed play, press the PROGRAM/REVIEW button in the stop mode, then the unit switches to the program mode.

■ Checking the programmed selections

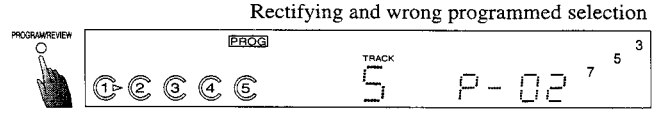
- Each time the PROGRAM/REVIEW button is pressed in the stop mode, the programmed selections will appear in the programmed sequence.

■ Rectifying any wrong programmed selection

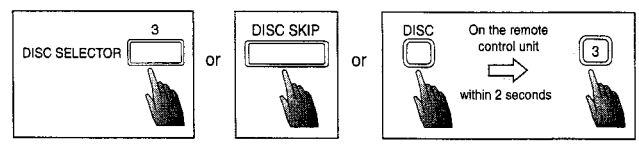
- Example : When the tracks 3, 5 and 7 of the first disc are programmed and you want to store the track 7 of the third disc instead of the track 5 of the first disc.

①Find the track 5 of the first disc.

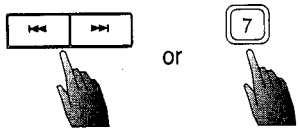
Rectifying and wrong programmed selection

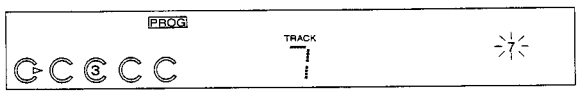


②Select the third disc.

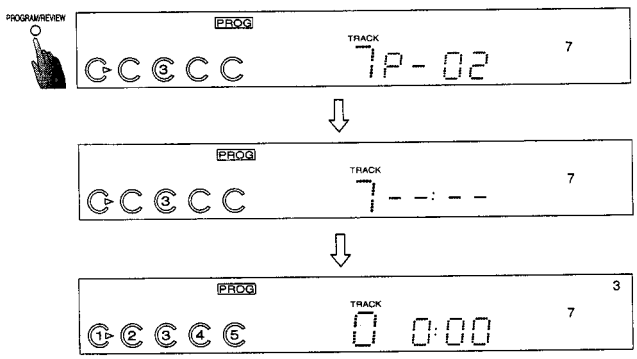


③Select the track 7.





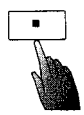
④ Store the track 7. (Only when selecting the track 7 with the skip buttons.)



■ Clearing the programmed selections.

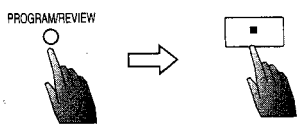
A. When clearing one by one.

· Each time this button is pressed, the programmed selections are cleared one by one in the opposite sequence.



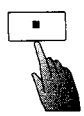
B. When clearing a specific selection

· Find the desired selection and clear it.



C. When clearing all programmed selections

· Press and hold down this button for more than 4 seconds.

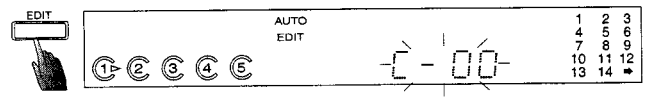


■ EDITING FOR RECORDING

· You can edit up to 30 tracks with the auto edit or 32 tracks with the manual edit according to the tape length.
It is possible only on the current disc.

■ Making auto edit.

① In the stop mode, select the auto edit mode.

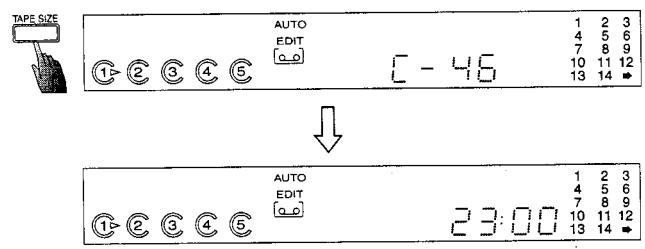


· Each time this button is pressed, the edit mode changes as follows.

AUTO EDIT → EDIT → OFF

· In the edit mode, the auto space function, leaving a 4 second blank space between the tracks, is automatically activated for the automatic music search function on the Sherwood DIGI-LINK III cassette deck.

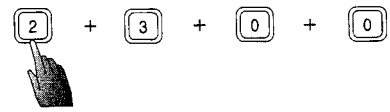
②Select the desired tape length.
Example : When the tape length is 46 minutes.



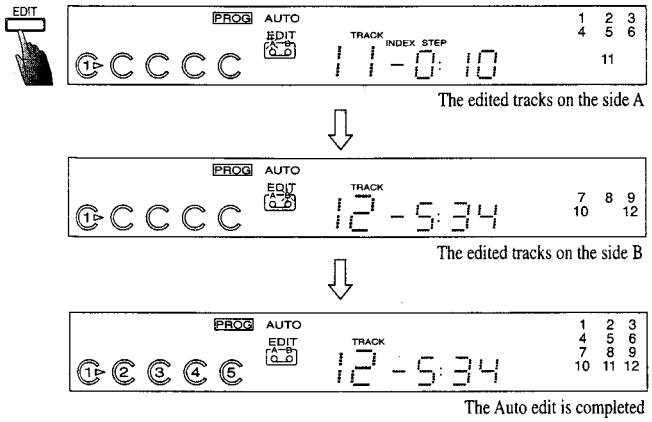
· Each time this button is pressed, the tape length changes as follows.

C-46 → C-54 → C-60 → C-74 → C-90 → C120

· You can select the tape length at your option with the NUMERIC buttons.
Example : When the desired tape length of each side is 23 minutes.

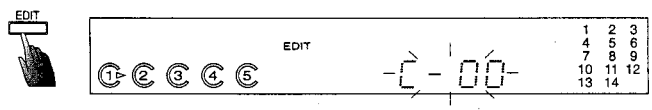


③Press the EDIT button to automatically edit the tracks to be recorded.



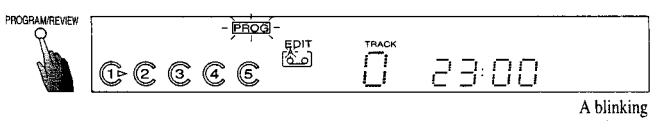
■ Making manual edit

① In the stop mode, select the manual edit mode.

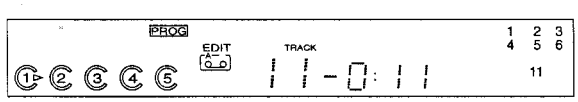


② Select the tape length like the auto edit.

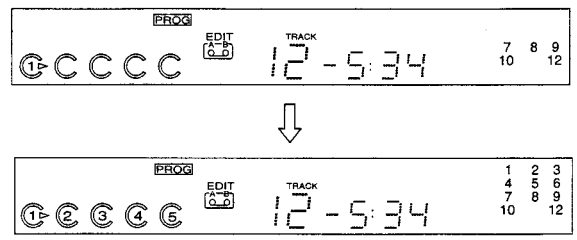
③ Press the PROGRAM/REVIEW button to manually edit the tracks to be recorded.



④ Edit the tracks for the side A repeating the steps 3 and 4 of the programming procedure on page 10.
Example : When the tracks 1, 2, 3, 4, 5, 6 and 11 are edited in sequence.



⑤ Press the EDIT button and edit the tracks for the side B in the same manner.
Example : When the tracks 7, 8, 9, 10 and 12 are edited in sequence.



- If the PLAY button is pressed after editing the tracks, play starts from the first track of the side A for recording.
- If all tracks of the side A have been played, press the PLAY button to start play from the first track of the side B for recording.
- When this unit is connected to Sherwood DIGI-LINK III cassette deck, the DIGI-LINK III system simplifies recording from CD. See cassette decks operating instructions.

NOTES :

- In the edit mode, when checking, clearing or rectifying the edited tracks, do like programming. But in the auto edit mode, only checking the edited tracks and clearing all the edited tracks is available.
- During manual edit, if the "-" indicator in the time display disappears, it means that the total time of the edited tracks exceeds the tape length. So you should edit again.
- When a track with a number greater than 30 is edited or deleted, the time display may show "--:--".

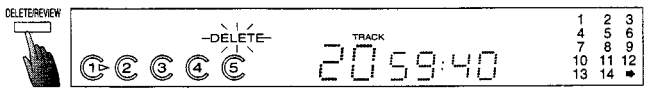
ENGLISH

■ DELETED PLAY

・When there are the undesired discs or tracks, you can delete up to 32 selections.

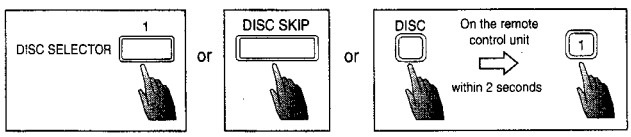
■ Deleting

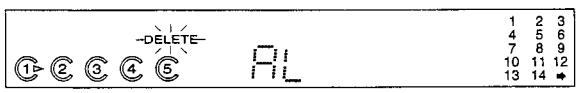
① In the stop mode.



② Select the disc

Example : When selecting the first disc.

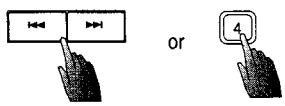


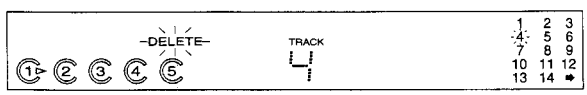


・If the DELETE/REVIEW button is pressed without selecting a track, the selected disc is deleted as a selection.

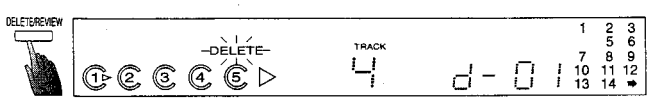
③ Select the track.

Example : When selecting the 4th track.





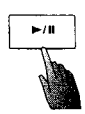
④ Delete the selected track.



・When selecting a track with the NUMERIC buttons, the selected track is edited automatically without the DELETE/REVIEW button.

⑤ Within 8 seconds after the step 4, when deleting other tracks on that disc, repeat the steps 3 and 4 and when deleting the tracks on other discs, repeat the steps 2,3 and 4.

⑥ Start the deleted play.



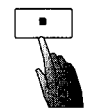
■ Checking the deleted selections

・Each time the DELETE/REVIEW button is pressed, the deleted selections will appear in the deleted sequence.

■ Recovering the deleted selections

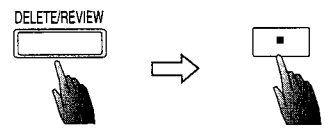
A. When recovering one by one

Each time this button is pressed during the delete mode, the deleted selections are recovered one by one in the opposite sequence.



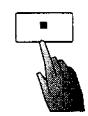
B. When recovering a specific selection

Find the desired selection and recover it.



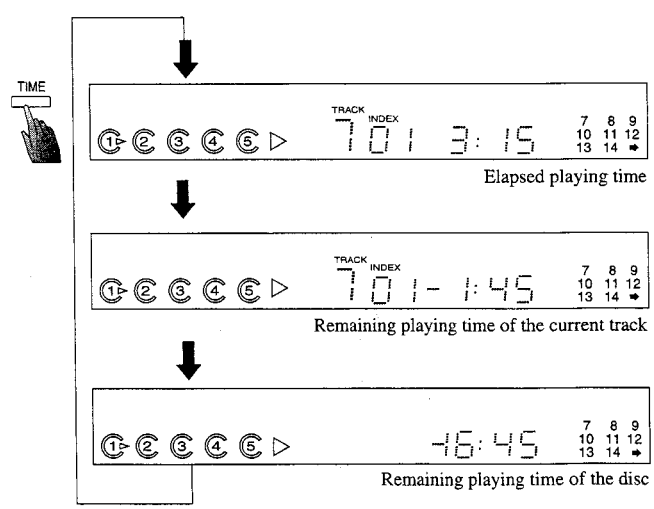
C. When recovering all deleted tracks

Press and hold down this button for more than 4 seconds.



■ SELECTING A TIME DISPLAY

・Each time this button is pressed, time display changes as follows.



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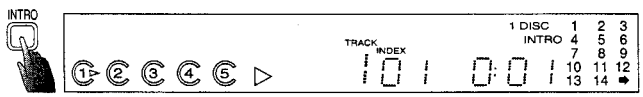
NOTES :

- When a track of which number is greater than 30 is programmed, edited or being played, the time display may show "-- : --".
- During random or programmed play, etc., the remaining playing time of the disc may show "--- : --".

Operating other functions with the remote control unit (Only for CDC-680)

■ INTROSCAN PLAY (Remote Control only)

■ 1 DISC INTROSCAN PLAY

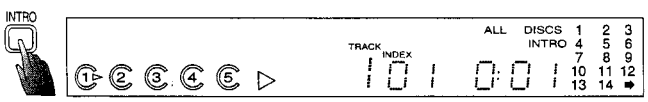


- The unit plays the first 10 seconds of each track from the current disc to the 5th disc.
- Each time this button is pressed, the introscan play mode changes as follows.

→ 1 DISC INTROSCAN → ALL DISCS INTROSCAN → OFF →

■ ALL DISCS INTROSCAN PLAY

- Press again.



- The unit plays the first 10 seconds of each first track from the current disc to the last disc.
- Press again to cancel the introscan play.

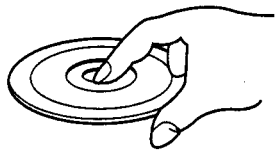
■ SELECTING A BRIGHTNESS OF THE DISPLAY (Remote Control only).

- Each time this button is pressed, the brightness of the display changes as follows.

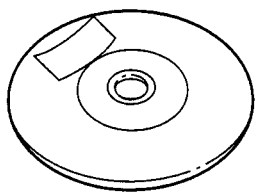
→ ON → DIM → OFF →

■ NOTES ON CD

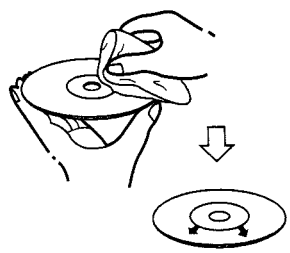
- In handling a disc, hold it carefully with the edges.



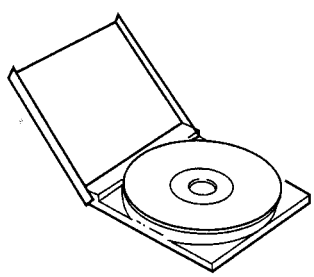
- Do not stick paper or write anything on the printed surface.



- Fingermarks and dust on the recorded surface should be carefully wiped off with a soft cloth. Wipe straight from the inside to the outside of the disc.



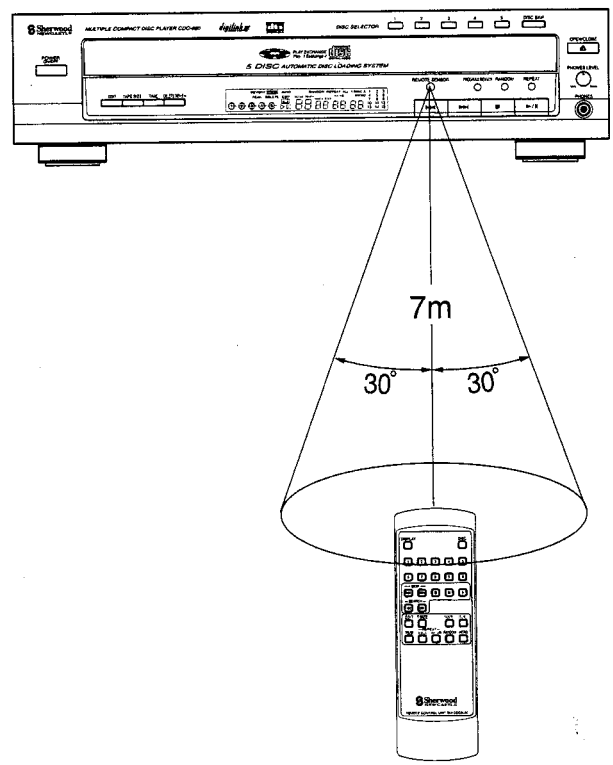
- Always keep the discs in their cases after use to protect that from dust and scratches.



- To prevent warping discs, do not expose them to direct sunlight, high humidity or high temperature for an extended period of time.

■ REMOTE CONTROL OPERATION RANGE

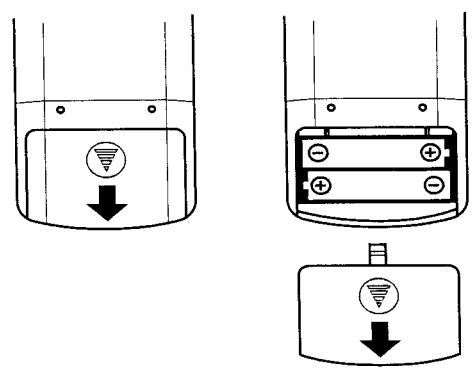
- Use the self remote control unit within a range of about 7 meters (23 feet) and angles of up to 30 degrees aiming at the remote sensor.



■ LOADING BATTERIES

- Remove the batteries when it is not used for a long time.
- Do not use the rechargeable batteries (Ni-cd type).

1. Remove cover.
2. Load two size "AAA" (UM-4) batteries noting correct polarity.



Troubleshooting Guide

If your unit should not perform as expected, consult the table below to see if the problem can be corrected before seeking help from your dealer or our service organization.

PROBLEM	POSSIBLE CAUSE	REMEDY
No power	• The AC input cord is disconnected. • The POWER button is not pressed correctly.	• Connect the cord securely. • Press the POWER button to ON.
No play	• The disc is loaded upside down. • Dirty disc. • Defective or deeply scratched disc.	• Reload the disc with the printed side up. • Clean the disc. • Load another disc.
No sound	• Incorrect connections. • Incorrect operation of the amplifier. • The "II" indicator lights up.	• Make connections correctly. • Operate the amplifier correctly. • Press the PLAY or PAUSE button to cancel the pause mode.
Poor or distorted sound	• The unit is connected to the PHONO input jacks of the amplifier. • Poor connections.	• Make connections correctly. • Check the connections and connect all cords securely.
Sound skips	• Defective or deeply scratched disc. • This unit is placed on a surface that is subject to vibration or physical shock.	• Play another disc. • Place this unit on a stable surface.
Programming or deleting does not perform.	• The disc is dirty or badly scratched. • The programming or deleting procedure is not correct. • The number of the programmed or deleted selections is 32.	• Try again with a scratch-free disc. • Try again. • Check the number of the programmed or deleted selections.

Specifications

ENGLISH

* **GENERAL**

Power Requirement	
Europe	230 V, 50 Hz
Power Consumption	12 Watts
Dimension (W x H x D)	440 x 95 x 380mm (17-5/16 x 3-3/4 x 15inches)
Weight (NET)	7.5kg (16.53 lbs)

Note: Specifications and design subject to change without notice for improvements.